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NO. 3275 P. 1/19

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PTO/SB/07 (09-04)

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10/630,102

HT3915USNA

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

PTO/SB/08A FORM

COPY OF PCT INTERNATIONAL SEARCH REPORT

COPY OF EP 0 412 195 A

COPY OF GB 2 142 542 A

CERTIFICATE OF TRANSMISSION

Page 1 of 1

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAR 23 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

REIYAO ZHU ET. AL.

CASE NO.: HT3915USNA

APPLICATION NO.: 10/630,102

CONFIRMATION NO.: 8310

GROUP ART UNIT: 1771

EXAMINER:

FILED: July 28, 2003

FOR: FLAME RETARDANT FIBER BLENDS COMPRISING FLAME
RETARDANT CELLULOSIC FIBERS AND FABRICS AND GARMENTS
MADE THEREFROMSUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. §§1.97 and 1.98, Applicant brings to the attention of the U.S. Patent and Trademark Office the information listed on the enclosed PTO/SB/08A form. A copy of the information, if required, is also enclosed. Consideration of the information is requested under 37 C.F.R. § 1.56 and this information is submitted in accord with the provisions of §1.97(b): within three months of filing the national application under 37 C.F.R. §1.53(d), or entry into the national stage under 37 C.F.R. §1.491, or before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action on the merits after filing a Request for Continued Examination under 37 C.F.R. §1.114.

If this Information Disclosure Statement is filed under §1.97(b) but the mailing date hereof is after the mailing of a first Office Action on the merits, the PTO is requested to consider this information accord with the provisions of §1.97(c): after the period specified in §1.97(b) but before the mailing of a Final

Office Action, or a Notice of Allowance, or any other action that closes prosecution; in combination with the certification under subsection (e)(1) below.

I certify that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,



ANDREW G. GOLIAN
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Facsimile: (302) 892-7343

Dated: March 23, 2005

Enclosures

PTO/SB/08A (08-03)

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.		Complete If Known	
Substitute for form 1449/PTO		Application Number	10/630,102
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	July 28, 2003
<i>(Use as many sheets as necessary)</i>		First Named Inventor	Reijiao Zhu Et. Al.
		Art Unit	1771
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	
		HT3915USNA	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code * Number * Kind Code* (if known)				
		EP 0 412 195 A	02-13-1991	E. I. du Pont de Nemours & Co.		
		GB 2 152 542 A	08-07-1985	C. C. Developments Limited		

Beneficiary Signature		Date Considered	
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***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). ³See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language transcription is attached.**

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND ALL COMMENTS OR SUGGESTIONS TO: U.S. PATENT AND TRADEMARK OFFICE, 1450 K STREET, NW, SUITE 1400, ALEXANDRIA, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT COOPERATION TREATY
PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference HT3915 PCT	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/US2004/024462	International filing date (day/month/year) 28/07/2004	(Earliest) Priority Date (day/month/year) 28/07/2003
Applicant		

E.I. DUPONT DE NEMOURS AND COMPANY

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the International search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.

The International search was carried out on the basis of a translation of the International application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the International application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this International search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. _____

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2004/024462

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

An intimate blend of staple fibers has from 10 to 75 parts by weight of at least one aramid staple fiber, from 15 to 80 parts by weight of at least one flame retardant cellulosic staple fiber, and from 5 to 30 parts by weight of at least one polyamide staple fiber. The intimate blend of staple fibers provides yarns and fabrics that are flame retardant, also referred to as fire resistant, and can be used to make flame retardant articles, such as clothing. The flame retardant fabrics may have a basis weight from 0.13 - 0.50 kg/m squared (4 to 15 ounces per square yard).

International Application No
PCT/US2004/024462A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D02G3/44 D02G3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D02G D03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 412 195 A (E.I. DU PONT DE NEMOURS AND COMPANY) 13 February 1991 (1991-02-13) claims 1,2,4-6; example 1	1-4,9-12
A	US 6 254 988 B1 (ZHU REIYAO ET AL) 3 July 2001 (2001-07-03) claims 1,2	13,14
A	US 6 254 988 B1 (ZHU REIYAO ET AL) 3 July 2001 (2001-07-03) claims 1,2	1,9,10
A	GB 2 152 542 A (* C C DEVELOPMENTS LIMITED) 7 August 1985 (1985-08-07) claim 1	1-4,9,10

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

3 March 2005

Date of mailing of the international search report

09/03/2005

Name and mailing address of the ISA

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Authorized officer

D'Souza, J

MAR. 23. 2005 12:05PM

INTERNATIONAL SEARCH REPORT

NO. 3275 P. 8/19

Information on patent family members

International Application No

PCT/US2004/024462

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0412195	A	13-02-1991	EP	0412195 A1	13-02-1991
			AT	123537 T	15-06-1995
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			AU	3952489 A	14-02-1991
			DE	68922999 D1	13-07-1995
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			EP	1297205 A2	02-04-2003
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GB 2152542	A	07-08-1985	GB	2183265 A ,B	03-06-1987